

Anno scolastico 2024 2025, Classe **4B TEL**

Programma svolto di Lingua e civiltà inglese Prof.^{ssa} Daniela Puddu

Libro di testo in adozione

Elizabeth Sharman, *Identity*, B1 to B1 +, OUP

Kiaran O'Malley, *Working with New Technology, Electricity and Electronics Information Technology and Telecommunications*, Pearson

Altri sussidi didattici forniti dall'Insegnante:

Da Villa, Sbarbada, Moore, *Prove Nazionali di Inglese*, Scuola secondaria di Secondo Grado, Eli

Stuart Redman, *English Vocabulary In Use*, pre-intermediate and intermediate, CUP

Audiobook "Miami Police File: The O'Neill Case", by Gina D. B. Clemen (link to the free audiobook and activities available on Classroom)

Patrizia Caruzzo, Silvana Sardi, Daniela Cerroni, *From the Ground Up*, Eli.

Video gratuiti disponibili in rete

General English

Revision: Talking about the Past: Past Simple, Past Continuous, Present Perfect, Past Perfect, used to and would for past repeated actions; First and Second Conditional, modals of deduction (can and must).

Third Conditional, "Four inventions you would have loved if you had been a teenager in the 90s" Reading and exercises P. 128; "Why did I post that?" reading and exercises P. 130 (Should for past regret: "should have past participle"); wish + Past Perfect; "Dublin: the literary tour" listening, reading and exercises P. 88, "Weather report" and exercises P71 from "New Objectives 2" P. 71 (provided by the teacher) non-defining relative clauses; must and can for deduction.

The woman that gave her voice to Siri, reading and short open answers from Prove Nazionali di Inglese.

Miami Police File: The O'Neill Case, by Gina G. B. Clemen

Exercises from *English Grammar in Use*, linking words, addition and contrast, there is no point in, it is worth doing

Technical English

1st UDA: Electricity

Reading, listening, speaking activities and exercises: Conductors and insulators P.10; The battery P.11; The fuel cell P. 16; Superconductors P. 17.

2nd UDA: The Electric Circuit

Reading, listening, speaking activities and exercises: A simple circuit P. 22; Series and Parallel Circuits P. 24; Current, Voltage and Resistance P. 25; Tools P. 26; Measuring tools: the ammeter and the voltmeter P.28; Electric Circuits video (link to the free video available on Classroom).

3rd UDA : Generating and Distributing Electricity

Reading, listening, speaking activities and exercises: Methods of producing energy P. 50-1; The generator P. 52; Fossil Fuel Power Station P. 53; Nuclear Power Station P.P. 54-5; Hydroelectric Power P. 56; Wind Power P. 57; Solar Power P. 58; Geothermal Energy, Biomass and Biofuel P. 59; Changing Our Sources of Energy P. 62; Alternative energy sources (from "From the Ground up", Eli, provided by the teacher); describing a picture; The distribution Grid P. P. 66-67; The Domestic Circuit P. 68; The Transformer P. 69; Managing The Grid P. 70; New Pylons Needed P. 71.

4th UDA: Radiation and telecommunications

Reading, listening, speaking activities and exercises: Electromagnetic waves P.P. 140-1 and video (link to the free video available on Classroom); Reflection, refraction and diffraction, video (link to the free video available on Classroom); The electromagnetic spectrum videos (link to the free video available on Classroom) and "Types of electromagnetic radiation" P.P. 142-143; What happens to radio signals P.146; "Transmitting telecommunications signals" P. 152.

5th UDA: Computers: Hardware, Software and Programming

"Types of computers", reading and speaking (pair work), P. 158; "Types of software" video

Didattica orientativa: progetto "video dubbing" in cooperazione con il prof. Barrale; renewable energy sources, describing a picture.

Educazione Civica: Responsible Consumption and Production (Agenda 2030, target 12)

La classe ha partecipato al Progetto d'Istituto PNRR - attività STEM- corso "Storytelling, webradio, podcast, AR video" valido come PCTO, con esperti esterni all'Istituto in orario curricolare